

Converting Colors

YIQ(77.3410, 74.1220, 88.4420)

Have a look what the booklet for
YIQ(77.3410, 74.1220, 88.4420)
contains.

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Color

**YIQ(77.3410, 74.1220,
88.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0092
RGB	203, 0, 146
RGB Percent	80%, 0%, 57%
CMY	0.2033, 0.9999, 0.4273
CMYK	0.00, 1.00, 0.28, 0.20
HSL	317°, 100%, 40%
HSV	317°, 100%, 80%
XYZ	29.8604, 14.7938, 28.4946
YIQ	77.3410, 74.1220, 88.4420

Conversions

Conversions Part 2

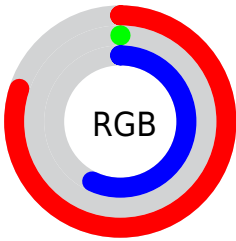
Format	Color
R_{YB}	203, 0, 146
Decimal	13303954
CIE _{Lab}	45.35, 75.46, -22.15
CIE _{LCh}	45, 78.646, 343.641
Yxy	14.7938, 0.4082, 0.2022
Android (android.graphics.Color)	4291494034 (0xFFCB0092)
YUV	77.3410, 33.8489, 110.2029
Hunter-Lab	38.4627, 71.2679, -17.0003

Details

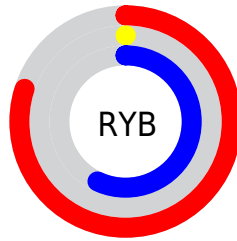
The YIQ color **77.3410, 74.1220, 88.4420** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **125.6590, -74.1220, -88.4420**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.8750, 63.0300, 69.1900**, and **53.5870, 54.7330, 59.8610** is the 20% darker color. If you saturate the color by 10%, you get **77.3410, 74.1220, 88.4420**, and if you desaturate by 10%, it is **89.7650, 66.6960, 79.8480**.

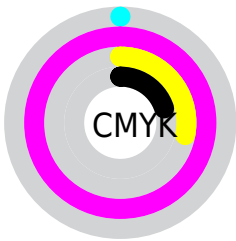
Distribution



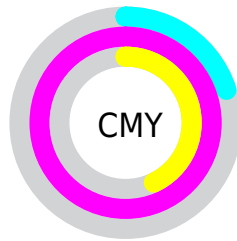
- Red (80%)
- Green (0%)
- Blue (57%)



- Red (80%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.3410, 74.1220, 88.4420 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 77.3410, 74.1220, 88.4420 by changing the saturation by 10% instead.


 77.3410, 74.1220,
88.4420


 77.3410, 74.1220,
88.4420


255.0000, -0.0000,
-0.0000


 65.4070, 64.5880,
73.9960


 151.8750, 63.0300,
69.1900


 53.8860, 55.3290,
60.0730


 172.6770, 45.7920,
62.2080


 42.1800, 45.1530,
46.2490


 193.3650, 28.8750,
54.9150

 31.3000, 35.5270,
33.4710

 210.3880, 20.9000,
39.7480

 20.4200, 25.9010,
20.6930

 227.9980, 12.6500,
24.0580

 7.5890, 14.5790,
5.6110

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 77.3410, 74.1220,
88.4420

■ 89.7650, 66.6960,
79.8480

■ 102.6620, 59.3160,
70.4200

■ 115.0860, 51.8900,
61.8260

■ 127.5100, 44.4640,
53.2320

■ 140.5210, 36.7630,
44.1150

■ 152.8310, 29.6580,
35.2100

■ 165.2550, 22.2320,
26.6160

■ 178.2660, 14.5310,
17.4990

■ 190.5760, 7.4260,
8.5940

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



107.9890, 0.8150, 56.8390



77.3410, 74.1220, 88.4420



74.4160, 103.9270, 71.4070

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3410, 74.1220, 88.4420



98.0140, 30.6340, -37.5740



100.6430, -100.1330, -7.9810

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.3410, 74.1220, 88.4420



125.6590, -74.1220, -88.4420

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2760, -80.8270, -27.4750



77.3410, 74.1220, 88.4420



73.9620, -34.6500, -65.8980

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3410, 74.1220, 88.4420



101.2570, 70.3350, -13.6730



85.1220, -57.8070, -48.1990



100.1650, -109.8100, 7.7100

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3410, 74.1220, 88.4420



85.9060, 104.1620, 39.6020



85.1220, -57.8070, -48.1990



99.0640, -94.3090, -14.4130

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.3410, 74.1220, 88.4420



207.8800, 27.9620, 32.9060



39.2880, -32.9790, 74.5810



99.5160, 16.8230, 20.0150



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3410, 74.1220, 88.4420



97.1070, 93.2370, 110.9730



66.0550, 105.9010, 57.6530



95.7880, 3.7130, 4.2970



63.2000, 60.7370, 72.2010



14.4400, 13.9810, 16.4530

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.3410, 74.1220, 88.4420



97.1070, 93.2370, 110.9730



136.9450, -105.9010, -57.6530



95.7880, 3.7130, 4.2970



63.2000, 60.7370, 72.2010



14.4400, 13.9810, 16.4530

Previews

White Background



This preview shows how the YIQ color 77.3410, 74.1220, 88.4420 looks on a white background.

Color Contrast Check

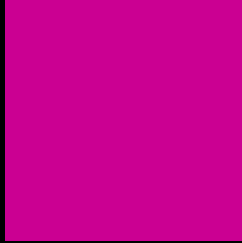
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 77.3410, 74.1220, 88.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

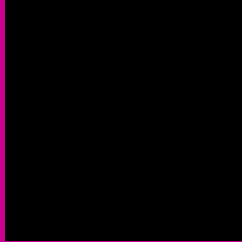
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 77.3410, 74.1220, 88.4420

Background



This preview shows how black text looks on a background with the YIQ color 77.3410, 74.1220, 88.4420.



This preview shows how white text looks on a background with the YIQ color 77.3410, 74.1220,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.3410, 74.1220, 88.4420

Protanopia

101.7810, -64.3300, 20.4860

Deuteranopia

110.0070, -9.9050, 8.8070



Tritanopia

99.7890, 82.2020, 30.0900

Trichromacy



Original Color

77.3410, 74.1220, 88.4420



Protanomaly

92.7110, -13.4420, 45.3900



Deuteranomaly

98.0350, 20.3960, 37.8680



Tritanomaly

91.5940, 79.2180, 51.1380

Monochromacy



Original Color

77.3410, 74.1220, 88.4420



Achromatopsia

77.0000, -0.0000, -0.0000



Achromatomaly

77.1680, 27.0910, 32.1710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3410, 74.1220, 88.4420 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 0, 146)` looks like.

```
.text, #text, p{  
    color:rgb(203, 0, 146)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 0, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 146) }
```

Border

The CSS property to change the border of an element to YIQ 77.3410, 74.1220, 88.4420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 0, 146) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(203, 0, 146) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(203, 0, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 146);  
box-shadow:4px 4px 4px 4px rgb(203, 0,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 77.3410, 74.1220, 88.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 0, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203, 0,  
146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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